

APPENDIX I: LTE DOWNLINK CA RF CONDUCTED POWERS

LTE Downlink Only Carrier Aggregation Test Reduction Methodology

Per October 2024 TCBC Workshop Notes, the use of Carrier Aggregation (CA, hereafter) requires ensuring that the applicable rules are met in each portion of the spectrum that is used by each component carrier. CA can be applied to both transmissions, or uplink (UL) from the device under test perspective and reception, or downlink (DL). For FCC compliance, only UL operations are relevant. It is possible that in some cases the DL impacts the available options for UL. Therefore, spot-check conducted power measurements will be evaluated.

SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number of component carriers (CCs) supported by the product implementation. Per April 2018 TCBC Workshop Notes, the following test reduction methodology was applied to determine the combinations required for conducted power measurements.

LTE DLCA Test Reduction Methodology:

- The supported combinations were arranged by the number of component carriers in columns.
- Any limitations on the PCC or SCC for each combination were identified alongside the combination (e.g. CA_2A-2A-4A-12A, but B12 can only be configured as a SCC).
- Power measurements were performed for "supersets" (LTE CA combinations with multiple components carriers) and any "subsets" (LTE CA combinations with fewer component carriers) that were not completely covered by the supersets.
- Only subsets that have the exact same components as a superset were excluded for measurement.
- When there were certain restrictions on component carriers that existed in the superset that were not applied for the subset, the subset configuration was additionally evaluated.
- Both inter-band and intra-band downlink carrier aggregation scenarios were considered.
- Evaluate SISO combinations with the maximum number of frequency bands, component carriers, and largest aggregated bandwidth for spot-check measurements.

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DUT Type: Tablet Device		APPENDIX I: Page 1 of 7

Table I-1 – Exclusion Table for SISO Configurations for Spot-check Measurements

General Information					Financial Performance					Operational Metrics					Reporting Period
Item	SKU	Product Name	Unit Price	Quantity	Revenue	Cost	Profit	Margin	Volume	Weight	Dimensions	Lead Time	Notes		
1	SKU-001	Product A	10.00	100	1000.00	600.00	400.00	40%	100	1.0	10x10x10	10			
2	SKU-002	Product B	20.00	50	1000.00	700.00	300.00	30%	50	2.0	20x20x20	20			
3	SKU-003	Product C	30.00	30	900.00	550.00	350.00	39%	30	3.0	30x30x30	30			
4	SKU-004	Product D	40.00	20	800.00	480.00	320.00	40%	20	4.0	40x40x40	40			
5	SKU-005	Product E	50.00	10	500.00	300.00	200.00	40%	10	5.0	50x50x50	50			
6	SKU-006	Product F	60.00	10	600.00	360.00	240.00	40%	10	6.0	60x60x60	60			
7	SKU-007	Product G	70.00	10	700.00	420.00	280.00	40%	10	7.0	70x70x70	70			
8	SKU-008	Product H	80.00	10	800.00	480.00	320.00	40%	10	8.0	80x80x80	80			
9	SKU-009	Product I	90.00	10	900.00	540.00	360.00	40%	10	9.0	90x90x90	90			
10	SKU-010	Product J	100.00	10	1000.00	600.00	400.00	40%	10	10.0	100x100x100	100			
11	SKU-011	Product K	110.00	10	1100.00	660.00	440.00	40%	10	11.0	110x110x110	110			
12	SKU-012	Product L	120.00	10	1200.00	720.00	480.00	40%	10	12.0	120x120x120	120			
13	SKU-013	Product M	130.00	10	1300.00	780.00	520.00	40%	10	13.0	130x130x130	130			
14	SKU-014	Product N	140.00	10	1400.00	840.00	560.00	40%	10	14.0	140x140x140	140			
15	SKU-015	Product O	150.00	10	1500.00	900.00	600.00	40%	10	15.0	150x150x150	150			
16	SKU-016	Product P	160.00	10	1600.00	960.00	640.00	40%	10	16.0	160x160x160	160			
17	SKU-017	Product Q	170.00	10	1700.00	1020.00	680.00	40%	10	17.0	170x170x170	170			
18	SKU-018	Product R	180.00	10	1800.00	1080.00	720.00	40%	10	18.0	180x180x180	180			
19	SKU-019	Product S	190.00	10	1900.00	1140.00	760.00	40%	10	19.0	190x190x190	190			
20	SKU-020	Product T	200.00	10	2000.00	1200.00	800.00	40%	10	20.0	200x200x200	200			
21	SKU-021	Product U	210.00	10	2100.00	1260.00	840.00	40%	10	21.0	210x210x210	210			
22	SKU-022	Product V	220.00	10	2200.00	1320.00	880.00	40%	10	22.0	220x220x220	220			
23	SKU-023	Product W	230.00	10	2300.00	1380.00	920.00	40%	10	23.0	230x230x230	230			
24	SKU-024	Product X	240.00	10	2400.00	1440.00	960.00	40%	10	24.0	240x240x240	240			
25	SKU-025	Product Y	250.00	10	2500.00	1500.00	1000.00	40%	10	25.0	250x250x250	250			
26	SKU-026	Product Z	260.00	10	2600.00	1560.00	1040.00	40%	10	26.0	260x260x260	260			
27	SKU-027	Product AA	270.00	10	2700.00	1620.00	1080.00	40%	10	27.0	270x270x270	270			
28	SKU-028	Product AB	280.00	10	2800.00	1680.00	1120.00	40%	10	28.0	280x280x280	280			
29	SKU-029	Product AC	290.00	10	2900.00	1740.00	1160.00	40%	10	29.0	290x290x290	290			
30	SKU-030	Product AD	300.00	10	3000.00	1800.00	1200.00	40%	10	30.0	300x300x300	300			
31	SKU-031	Product AE	310.00	10	3100.00	1860.00	1240.00	40%	10	31.0	310x310x310	310			
32	SKU-032	Product AF	320.00	10	3200.00	1920.00	1280.00	40%	10	32.0	320x320x320	320			
33	SKU-033	Product AG	330.00	10	3300.00	1980.00	1320.00	40%	10	33.0	330x330x330	330			
34	SKU-034	Product AH	340.00	10	3400.00	2040.00	1360.00	40%	10	34.0	340x340x340	340			
35	SKU-035	Product AI	350.00	10	3500.00	2100.00	1400.00	40%	10	35.0	350x350x350	350			
36	SKU-036	Product AJ	360.00	10	3600.00	2160.00	1440.00	40%	10	36.0	360x360x360	360			
37	SKU-037	Product AK	370.00	10	3700.00	2220.00	1480.00	40%	10	37.0	370x370x370	370			
38	SKU-038	Product AL	380.00	10	3800.00	2280.00	1520.00	40%	10	38.0	380x380x380	380			
39	SKU-039	Product AM	390.00	10	3900.00	2340.00	1560.00	40%	10	39.0	390x390x390	390			
40	SKU-040	Product AN	400.00	10	4000.00	2400.00	1600.00	40%	10	40.0	400x400x400	400			
41	SKU-041	Product AO	410.00	10	4100.00	2460.00	1640.00	40%	10	41.0	410x410x410	410			
42	SKU-042	Product AP	420.00	10	4200.00	2520.00	1680.00	40%	10	42.0	420x420x420	420			
43	SKU-043	Product AQ	430.00	10	4300.00	2580.00	1720.00	40%	10	43.0	430x430x430	430			
44	SKU-044	Product AR	440.00	10	4400.00	2640.00	1760.00	40%	10	44.0	440x440x440	440			
45	SKU-045	Product AS	450.00	10	4500.00	2700.00	1800.00	40%	10	45.0	450x450x450	450			
46	SKU-046	Product AT	460.00	10	4600.00	2760.00	1840.00	40%	10	46.0	460x460x460	460			
47	SKU-047	Product AU	470.00	10	4700.00	2820.00	1880.00	40%	10	47.0	470x470x470	470			
48	SKU-048	Product AV	480.00	10	4800.00	2880.00	1920.00	40%	10	48.0	480x480x480	480			
49	SKU-049	Product AW	490.00	10	4900.00	2940.00	1960.00	40%	10	49.0	490x490x490	490			
50	SKU-050	Product AX	500.00	10	5000.00	3000.00	2000.00	40%	10	50.0	500x500x500	500			
51	SKU-051	Product AY	510.00	10	5100.00	3060.00	2040.00	40%	10	51.0	510x510x510	510			
52	SKU-052	Product AZ	520.00	10	5200.00	3120.00	2080.00	40%	10	52.0	520x520x520	520			
53	SKU-053	Product BA	530.00	10	5300.00	3180.00	2120.00	40%	10	53.0	530x530x530	530			
54	SKU-054	Product BB	540.00	10	5400.00	3240.00	2160.00	40%	10	54.0	540x540x540	540			
55	SKU-055	Product BC	550.00	10	5500.00	3300.00	2200.00	40%	10	55.0	550x550x550	550			
56	SKU-056	Product BD	560.00	10	5600.00	3360.00	2240.00	40%	10	56.0	560x560x560	560			
57	SKU-057	Product BE	570.00	10	5700.00	3420.00	2280.00	40%	10	57.0	570x570x570	570			
58	SKU-058	Product BF	580.00	10	5800.00	3480.00	2320.00	40%	10	58.0	580x580x580	580			
59	SKU-059	Product BG	590.00	10	5900.00	3540.00	2360.00	40%	10	59.0	590x590x590	590			
60	SKU-060	Product BH	600.00	10	6000.00	3600.00	2400.00	40%	10	60.0	600x600x600	600			
61	SKU-061	Product BI	610.00	10	6100.00	3660.00	2440.00	40%	10	61.0	610x610x610	610			
62	SKU-062	Product BJ	620.00	10	6200.00	3720.00	2480.00	40%	10	62.0	620x620x620	620			
63	SKU-063	Product BK	630.00	10	6300.00	3780.00	2520.00	40%	10	63.0	630x630x630	630			
64	SKU-064	Product BL	640.00	10	6400.00	3840.00	2560.00	40%	10	64.0	640x640x640	640			
65	SKU-065	Product BM	650.00	10	6500.00	3900.00	2600.00	40%	10	65.0	650x650x650	650			
66	SKU-066	Product BN	660.00	10	6600.00	3960.00	2640.00	40%	10	66.0	660x660x660	660			
67	SKU-067	Product BO	670.00	10	6700.00	4020.00	2680.00	40%	10	67.0	670x670x670	670			
68	SKU-068	Product BP	680.00	10	6800.00	4080.00	2720.00	40%	10	68.0	680x680x680	680			
69	SKU-069	Product BQ	690.00	10	6900.00	4140.00	2760.00	40%	10	69.0	690x690x690	690			
70	SKU-070	Product BR	700.00	10	7000.00	4200.00	2800.00	40%	10	70.0	700x700x700	700			
71	SKU-071	Product BS	710.00	10	7100.00	4260.00	2840.00	40%	10	71.0	710x710x710	710			
72	SKU-072	Product BT	720.00	10	7200.00	4320.00	2880.00	40%	10	72.0	720x720x720	720			
73	SKU-073	Product BU	730.00	10	7300.00	4380.00	2920.00	40%	10	73.0	730x730x730	730			
74	SKU-074	Product BV	740.00	10	7400.00	4440.00	2960.00	40%	10	74.0	740x740x740	740			
75	SKU-075	Product BW	750.00	10	7500.00	4500.00	3000.00	40%	10	75.0	750x750x750	750			
76	SKU-076	Product BX	760.00	10	7600.00	4560.00	3040.00	40%	10	76.0	760x760x760	760			
77	SKU-077	Product BY	770.00	10	7700.00	4620.00	3080.00	40%	10	77.0	770x770x770	770			
78	SKU-078	Product BZ	780.00	10	7800.00	4680.00	3120.00	40%	10	78.0	780x780x780	780			
79	SKU-079	Product CA	790.00	10	7900.00	4740.00	3160.00	40%	10	79.0	790x790x790	790			
80	SKU-080	Product CB	800.00	10	8000.00	4800.00	3200.00	40%	10	80.0	800x800x800	800			
81	SKU-081	Product CC	810.00	10	8100.00	4860.00	3240.00	40%	10	81.0	810x810x810	810			
82	SKU-082	Product CD	820.00	10	8200.00	4920.00	3280.00	40%	10	82.0	820x820x820	820			
83	SKU-083	Product CE	830.00	10	8300.00	4980.00	3320.00	40%	10	83.0	830x830x830	830			
84	SKU-084	Product CF	840.00	10	8400.00	5040.00	3360.00	40%	10	84.0	840x840x840	840			
85	SKU-085	Product CG	850.00	10	8500.00	5100.00	3400.00	40%	10	85.0	850x850x850	850			
86	SKU-086	Product CH	860.00	10	8600.00	5160.00	3440.00	40%	10	86.0	860x860x860	860			
87	SKU-087	Product CI	870.00	10	8700.00	5220.00	3480.00	40%	10	87.0	870x870x870	870			
88	SKU-088	Product CJ	880.00	10	8800.00	5280.00	3520.00	40%	10	88.0	880x880x880	880			
89	SKU-089	Product CK	890.00	10	8900.00	5340.00	3560.00	40%	10	89.0	890x890x890	890			
90	SKU-090	Product CL	900.00	10	9000.00	5400.00	3600.00	40%	10	90.0	900x900x900	900			
91	SKU-091	Product CM	910.00	10	9100.00	5460.00	3640.00	40%	10	91.0	910x910x910	910			
92	SKU-092	Product CN	920.00	10	9200.00	5520.00	3680.00	40%	10	92.0	920x920x920	920			
93	SKU-093	Product CO	930.00	10	9300.00	5580.00	3720.00	40%	10	93.0	930x930x930				

I.1 LTE Downlink Only Carrier Aggregation Test Selection and Setup

SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number component carriers (CCs) supported by the product implementation. For those configurations required by April 2018 TCBC Workshop Notes, conducted power measurements with LTE Carrier Aggregation (CA) (downlink only) active are made in accordance to KDB Publication 941225 D05Av01r02. The RRC connection is only handled by one cell, the primary component carrier (PCC) for downlink and uplink communications. After making a data connection to the PCC, the UE device adds secondary component carrier(s) (SCC) on the downlink only. All uplink communications and acknowledgements remain identical to specifications when downlink carrier aggregation is inactive on the PCC. Additional conducted output powers are measured with the downlink carrier aggregation active for the configuration with highest measured maximum conducted power with downlink carrier aggregation inactive measured among the channel bandwidth, modulation, and RB combinations in each frequency band.

Per FCC KDB Publication 941225 D05Av01r02, no SAR measurements are required for carrier aggregation configurations when the maximum average output power with downlink only carrier aggregation active is not more than 0.25 dB higher than the average output power with downlink only carrier aggregation inactive. All bands required for SAR testing per FCC KDB procedures were considered. Based on the measured maximum powers below, no additional SAR tests were required for DLCA SAR configurations.

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General PCC and SCC configuration selection procedure

- PCC uplink channel, channel bandwidth, modulation and RB configurations were selected based on section C)3)b)ii) of KDB 941225 D05 V01r02. All LTE bandwidth conducted powers needed for PCC uplink configuration selection can be found in the RF Conducted Powers Section and LTE/NR Lower Bandwidth RF Conducted Power Appendix. The downlink PCC channel was paired with the selected PCC uplink channel according to normal configurations without carrier aggregation.
- To maximize aggregated bandwidth, the highest channel bandwidth available for that CA combination was selected for SCC. For inter-band CA, the SCC downlink channels were selected near the middle of their transmission bands. For contiguous intra-band CA, the downlink channel spacing between the component carriers was set to multiple of 300 kHz less than the nominal channel spacing defined in section 5.4.1A of 3GPP TS 36.521. For non-contiguous intra-band CA, the downlink channel spacing between the component carriers was set to be larger than the nominal channel spacing and provided maximum separation between the component carriers.
- All selected PCC and SCC(s) remained fully within the uplink/downlink transmission band of the respective component carrier.

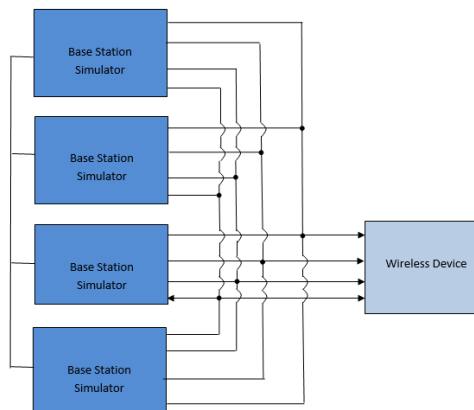


Figure I-1
DLCA Power Measurement Setup

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I.2 Downlink Carrier Aggregation RF Conducted Powers

I.2.1 LTE Band 71 as PCC

Table I-2
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC				SCC 1				SCC 2				SCC 3				SCC 4				Power				
			PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]
CA_2A-2A-7A-66A-71A	LTE B71	20	113297	686.5	QPSK	1	0	68761	636.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B46	20	66786	2145	LTE B7	20	3100	2655	24.08	24.73

I.2.2 LTE Band 12 as PCC

Table I-3
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC				SCC 1				SCC 2				SCC 3				SCC 4				Power				
			PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]				
CA_2A-2A-12A-66A	LTE B12	30	23095	707.5	QPSK	1	0	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B66	20	66786	2145	24.30	24.31
CA_2A-2A-12A-30A-66A	LTE B12	30	23095	707.5	QPSK	1	0	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	20	9820	2355	LTE B66	20	66786	2145	24.30	24.31
CA_2A-2A-12A-66A-69A	LTE B12	30	23095	707.5	QPSK	1	0	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2160	24.31	24.31
CA_2A-12A-30A-66A-69A	LTE B12	30	23095	707.5	QPSK	1	0	5095	737.5	LTE B2	20	900	1960	LTE B20	20	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2160	24.30	24.31

I.2.3 LTE Band 13 as PCC

Table I-4
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC						SCC 1				SCC 2				SCC 3				SCC 4				Power		
			PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]
CA_2A-2A-13A-66A-69A	LTE B13	20	23230	762	QPSK	1	40	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2160	24.33	24.33
CA_2A-7A-7A-13A-69A	LTE B13	30	23230	762	QPSK	1	40	5230	751	LTE B2	20	900	1960	LTE B7	20	2850	2630	LTE B7	20	3100	2655	LTE B66	20	66536	2120	24.31	24.33
CA_13A-66A-69A	LTE B13	20	23230	762	QPSK	1	40	5230	751	LTE B48	20	55000	3625	LTE B48	20	55000	3644.8	LTE B66	20	66536	2120	LTE B66	20	66536	2120	24.30	24.33
CA_13A-48E	LTE B13	20	23230	762	QPSK	1	40	5230	751	LTE B48	20	55000	3625	LTE B48	20	55000	3644.8	LTE B48	20	56386	3664.8	LTE B48	20	56386	3664.8	24.37	24.33

I.2.4 LTE Band 14 as PCC

Table I-5
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC					SCC1				SCC2				SCC3				SCC4				Power			
			PCC [UL] Ch	PCC [UL] Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]
CA_2A-2A-14A-30A-66A	LTE B14	5	23130	793	QPSK	1	24	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	20	9820	2355	LTE B66	20	66786	2145	24.46	24.49
CA_2A-2A-14A-66A-69A	LTE B14	5	23130	793	QPSK	1	24	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2160	24.45	24.49
CA_2A-14A-30A-66A-69A	LTE B14	5	23130	793	QPSK	1	24	5330	763	LTE B2	20	900	1960	LTE B30	20	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2160	24.46	24.49

I.2.5 LTE Band 5 as PCC

Table I-6
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC				SCC 1				SCC 2				SCC 3				SCC 4				Power				
			PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]				
CA_2A-2A-5A-66A-69A	LTE B5	5	20525	836.5	QPSK	1	24	2525	881.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2160	24.08	24.13
CA_2A-2A-5A-69E	LTE B5	5	20525	836.5	QPSK	1	24	2525	881.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	66876	2154	24.09	24.13
CA_2A-2A-5A-69A	LTE B5	5	20525	836.5	QPSK	1	24	2525	881.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	66876	2154	24.09	24.13
CA_2A-2A-7A-7A-69A	LTE B5	5	20525	836.5	QPSK	1	24	2525	881.5	LTE B7	20	2850	2630	LTE B5	20	900	1940	LTE B7	20	3152	2661.8	LTE B66	20	66536	2120	24.08	24.13
CA_2A-2A-30A-66A-69A	LTE B5	5	20525	836.5	QPSK	1	24	2525	881.5	LTE B2	20	900	1960	LTE B30	20	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2160	24.09	24.13
CA_2A-5A-66A-69A-69A	LTE B5	5	20525	836.5	QPSK	1	24	2525	881.5	LTE B7	20	2850	2630	LTE B48	20	55000	3625	LTE B66	20	66786	2145	LTE B66	20	67236	2160	24.08	24.13
CA_5A-48C-66A-69A	LTE B5	5	20525	836.5	QPSK	1	24	2525	881.5	LTE B48	20	55000	3625	LTE B48	20	55000	3625	LTE B66	20	66786	2145	LTE B66	20	67236	2160	24.08	24.13

FCC ID: BCGA3462	RF EXPOSURE REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX I: Page 7 of 7